

**NOTICE OF PROPOSED WATER POLLUTION CONTROL PERMIT**

**FOR KAUAI ISLAND UTILITY COOPERATIVE**

**PORT ALLEN GENERATING STATION**

**NPDES PERMIT NO. HI 0000353**

**ZONE OF MIXING NO. ZM-58**

**06-CW-PW-27**

**August 21, 2006**

The State Department of Health ("DOH"), tentatively proposes to issue a National Pollutant Discharge Elimination System (NPDES) permit, including a Zone of Mixing (ZOM), to discharge once-through cooling waters and storm water runoff from the Port Allen Generating Station to the Pacific Ocean off the Kauai coastline subject to special conditions to:

**KAUAI ISLAND UTILITY COOPERATIVE**

**4463 Pahee Street**

**Lihue, Kauai, Hawaii 96766**

The proposed draft permit will expire on March 31, 2011.

The applicant operates the Port Allen Generating Station located at 261 Akaula Street, Eleele, Kauai, Hawaii. The existing Port Allen Generating Station is an electrical power generating facility with a total rated capacity of 93.75 megawatts (MW). The facility utilizes both air-cooled and once-through cooling water power generators for production of electricity. Once-through cooling water from brackish water source wells is utilized for the operation of a 10 MW steam turbine generator and four (4), 7.85 MW diesel generators, for a total of 41.4 MW. The once-through cooling water is discharged at a maximum flow rate of 16.2 million gallons per day to the Pacific Ocean from the existing Outfall Serial No. 001. The Outfall Serial No. 001 discharge enters Port Allen Bay of the Pacific Ocean at coordinates: Latitude 21°54'06"N and

Longitude 159°35'18"W. Outfall Serial Nos. 002, 003, 004, and 005 intermittently discharges storm water runoff from the facility. The Outfall Serial No. 002 storm water discharge is located at coordinates: Latitude 21°54'10"N and Longitude 159°35'20"W, and enters Hanapepe Bay, Pacific Ocean. The Outfall Serial No. 003 storm water discharge enters Port Allen Bay of the Pacific Ocean and is located at coordinates: Latitude 21°54'08"N and Longitude 159°35'12"W. The Outfall Serial Nos. 004 and 005 storm water discharges also enters Port Allen Bay, Pacific Ocean, and are located at coordinates: Latitude 21°56'20"N and Longitude 159°35'13"W; and Latitude 21°54'09"N and Longitude 159°35'16"W, respectively.

The Port Allen Bay, Pacific Ocean receiving waters is designated as "Class A Wet Open Coastal Waters" under Hawaii Administrative Rules (HAR), Section 11-54-6(b)(2)(B). The Hanapepe Bay, Pacific Ocean receiving waters is designated as "Class A Embayment" under HAR, Section 11-54-6(a)(2)(B). Protected beneficial uses of Class A waters include recreation, aesthetic enjoyment, and the protection and propagation of fish, shellfish and wildlife.

The proposed ZOM is that portion of the Pacific Ocean within a radius of 2,000 feet from Outfall Serial No. 001. The proposed ZOM is only for the assimilation of once-through cooling water discharged from the facility.

Persons wishing to comment upon or object to the proposed draft NPDES permit or to request a public hearing, should submit their comments or requests in writing no later than 30 days after the date of this notice, either in person or by mail to:

**Office Address:**

Clean Water Branch  
Environmental Management Division  
State Department of Health  
919 Ala Moana Boulevard  
Room 301  
Honolulu, Hawaii 96814-4920

**Mailing Address:**

Clean Water Branch  
Environmental Management Division  
State Department of Health  
P.O. Box 3378  
Honolulu, Hawaii 96801-3378

Copies of the proposed draft permit and other information are available for public inspection, Monday through Friday (excluding holidays) from 7:45 a.m. until 4:15 p.m., at the DOH office address shown above and at the Kauai District Environmental Health Program Office located at 3040 Umi Street, Lihue, Kauai, Hawaii 96766. Copies may be bought. The draft permit and fact sheet are also available on the internet at:

<http://www.state.hi.us/doh/eh/cwb/pubntcs/index.html>. For more information or if you have special needs due to disability, please contact Mr. Alec Wong of the Clean Water Branch at the above address or (808) 586-4309 (Voice) at least seven (7) days before the end of the comment period. For those who use a TTY/TDD, please call through Sprint Relay Hawaii, at 1-711 or (877) 447-5991.

All comments and requests received on time will be considered. If DOH determines that there is significant public interest, a public hearing may be held after at least 30 days of public notice.

If DOH's position is substantially unchanged after considering all timely written comments and all oral comments at any public hearing that may be held, then the DOH will issue the NPDES permit and this action will be final.

Please notify anyone you know who would be interested in this matter.

Chiyome Leinaala Fukino, M.D.

Director of Health